

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	2	"6013048".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/11/23 10:08
L2	2	"5899915".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/11/23 10:17
L3	171	(handpiece with sensor) and (ultrasonic)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/11/23 10:18
L4	17	(handpiece with sensor) and (ultrasonic)and (strain with gauge)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/11/23 10:18
S1	2	"5026387".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2003/06/20 12:20
S2	0	ulatrasonic adj surgical adj handpiece	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2003/06/20 12:22
S3	0	ulatrasonic adj handpiece	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2003/06/20 12:22
S4	0	ulatrasonic adj hand adj piece	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2003/06/20 12:23

## EAST Search History

S5	0	ulatrasonic adj surgical adj handle	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2003/06/20 12:24
S6	0	ulatrasonic adj handle	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2003/06/20 12:24
S7	436582	ulatrasonic adj scalpel blade	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2003/06/20 12:25
S8	306897	(ulatrasonic adj scalpel blade) and switch button	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2003/06/20 12:27
S9	145	((ulatrasonic adj scalpel blade) and switch button) and piezoceramic	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2003/06/20 12:29
S10	7	(((ulatrasonic adj scalpel blade) and switch button) and piezoceramic) and hysteresis	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2003/06/20 13:41
S11	436586	606/169,171,166,167,170,180.ccls. and ultrasonic adj scalpel or blade	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2003/06/20 13:44
S12	436584	606/169,171.ccls. and ultrasonic adj scalpel or blade	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2003/06/20 13:44
S13	288	(606/169,171.ccls.) and (ultrasonic adj scalpel or blade)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2003/06/20 13:45
S14	276924	((606/169,171.ccls.) and (ultrasonic adj scalpel or blade)) and switch or button	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2003/06/20 13:48

## EAST Search History

S15	104	((606/169,171.ccls.) and (ultrasonic adj scalpel or blade)) and switch	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2003/06/20 13:48
S16	40	donofrio-william-t.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2003/10/14 11:46
S17	1459	600/437,438,446,471.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2003/10/14 11:47
S18	5	(600/437,438,446,471.ccls.) and (ultrasonic adj scalpel or blade)and (switch or button)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2003/10/14 11:51
S19	0	600/437,438,446,471.ccls. same ultrasonic same blade same switch	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2003/10/14 11:52
S20	0	600/437,438,446,471.ccls. same ultrasonic same switch	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2003/10/14 11:52
S21	359	600/437,438,446,471.ccls. and ultrasonic and switch	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2003/10/14 11:53
S22	1	(((600/437,438,446,471.ccls. and ultrasonic and switch) and sensor)) and (blade or scalpel)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2003/10/14 11:54
S23	1	(((600/437,438,446,471.ccls. and ultrasonic and switch) and sensor)) and (blade)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2003/10/14 11:55
S24	101	(600/437,438,446,471.ccls. and ultrasonic and switch) and sensor	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2003/10/14 11:55

## EAST Search History

S25	2	"5026387".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/11/10 08:23
S26	2	"6037724".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/11/10 09:15
S27	308	606/39,45,132,159.ccls. and (ultrasonic)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/11/10 09:16
S28	5	(606/39,45,132,159.ccls. and (ultrasonic)) and (lagging adj effect or hysteresis)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/11/10 09:25
S29	1	(606/39,45,132,159.ccls. and (ultrasonic)) and (reversal near2 polarity)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/11/10 09:26
S30	15	("3942530"   "4132227"   "4149538"   "4362160"   "4756309"   "4936281"   "4986825"   "4998527"   "5133713"   "5176677"   "5201731"   "5312399"   "5313949"   "5325860"   "5335663").PN.	USPAT	OR	OFF	2004/11/10 09:28
S31	2	"6945981".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/01 14:14
S32	5	"716127".ap.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/01 14:37

## EAST Search History

S33	35	("2917691" "5001649" "5026387" "5112300" "5180363" "5400267" "5425704" "5449370" "5630420" "5707369" "5879364" "5968007" "6013048" "6017354" "6019775" "6037724" "6066135" "6090123").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/01 14:43
S34	529089	(ultrasonic with handpiece with switch or button)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/01 14:44
S35	1061	(pressure with high with threshold) and (activat\$3 or deactivat\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/01 14:46
S36	157	S34 and S35	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/01 14:47
S37	38	S36 and @pd<"20001020"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/01 14:49
S38	3	S37 and tissue	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/01 14:49
S39	5	"716127".ap.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/02 10:16

## EAST Search History

S40	2	"5383855".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/02 10:19
S41	2	"6013048".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/02 10:20
S42	2	"6945981".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/09/26 14:11
S43	2	"5383855".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/09/26 14:29
S44	5	"716127".ap.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/09/26 14:42
S45	6	(ultrasonic) same (surgical with handpiece) and (activate or deactivate) and (threshold) and (pressure)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/11/14 12:03
S46	58	(ultrasonic) same (surgical with handpiece) and (activate or deactivate) and (pressure)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/09/26 15:00

## EAST Search History

S47	58	(ultrasonic) same (surgical with handpiece) and (activate or deactivate with power) and (pressure)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/09/26 15:03
S48	6	(ultrasonic) same (surgical with handpiece) and (activate or deactivate with power) and (pressure)and (threshold)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/09/26 15:04
S49	58	(ultrasonic) same (surgical with handpiece) and (activate or deactivate with power) and (pressure)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/09/26 15:04
S50	39	("2917691" "5001649" "5026387" "5060658" "5112300" "5180363" "5383855" "5400267" "5425704" "5449370" "5630420" "5707369" "5879364" "5968007" "6013048" "6017354" "6019775" "6037724" "6066135" "6090123").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/09/29 13:29
S51	2	"5383855".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/11/14 11:42
S52	5	"716127".ap.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/11/14 11:58
S53	2	"6013048".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/11/14 11:59

## EAST Search History

S54	77	(ultrasonic) same (surgical with handpiece) and (housing with switch or button)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/11/14 12:05
S55	8	(ultrasonic) same (surgical with handpiece) and (housing with switch or button)and (threshold)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/11/14 12:12
S56	0	(ultrasonic with surgical) and (activate with switch) and (monitor with pressure) and (blade with rotate)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/11/14 12:14
S57	5	(ultrasonic with surgical) and (activate with switch) and (monitor with pressure) and (blade)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/11/14 12:15
S58	9	(ultrasonic) and (activate with switch) and (monitor with pressure) and (blade)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/11/14 12:38
S59	2	"6013048".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/11/14 12:39